

# NID DAT Prelims 2024 Memory Based Question Paper and Answers

Q. How many sustainability goals were created this year?

Ans. There are a total of 17 sustainable goals. There are no new goals created as of 2023.

Q. Which country was holding the G20 summit in 2024?

Options - Japan, Indonesia and Brazil.

Ans. Brazil will host the G20 in 2024.

Q. There was a question about geometric progression. The first number in the series was 5 and each consecutive number in the series was multiplied by -2. They asked for the 10th number of the series.

Options - 2560, -2560, 1280, -1280.

Based on the description provided, the following could be the question- Identify the 10th number in the following series: 5, -10, 20, -40, 80, ....

Answer - To find the first five terms of a geometric progression where the first term is 5 and each consecutive number is multiplied by -2, we use the formula for the nth term of a geometric progression:  $n\text{th term} = a \times r^{(n-1)}$ , where a is the first term, r is the common ratio, and n is the term number.

Upon substituting  $n=10$ , please we can deduce the 10th term as  $5 \times (-2)^9 = -2560$   
Hence the 10th term will be -2560 M

Q. Statement 1: "Companies hold yoga classes for their employees" or something along those lines statement 2 was related to an increased awareness of mental and physical health.

Based on the description provided, the following could be the question-Consider the following statements:

Statement 1: Companies hold yoga classes for their employees.

Statement 2: There is an increased awareness of mental and physical health in the workplace.

Which of the following conclusions can be logically drawn from the above statements?

Options:

A) All companies that hold yoga classes do so because of the increased awareness of mental and physical health.

- B) Any workplace with an increased awareness of mental and physical health offers yoga classes.
- C) Only companies concerned with mental and physical health offer yoga classes.
- D) Companies offering yoga classes are likely responding to the increased awareness of mental and physical health.

Answer - D) Companies offering yoga classes are likely responding to the increased awareness of mental and physical health.

This conclusion is the most reasonable because it directly connects the two statements without overgeneralizing. It suggests a likely (but not certain) cause-and-effect relationship between the increased awareness of mental and physical health in the workplace (Statement 2) and the action of companies holding yoga classes for their employees (Statement 1).

Q. Which of the following is a weaving technique?

Options - Warp and weft, danish bond, inlay work and one more.

Answer - Warp and weft

Q. What is the number of layers in a tetra pack?

Options - 4, 6, 7 and 5

Answer - 6

